

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-7. (Canceled)

8. (Previously Amended) A method for treating the proximal portion of a main vessel and the opening of a side branch vessel at a bifurcation, comprising:

providing a stent having a plurality of first rings and a plurality of second rings;

mounting the stent on a catheter having a long balloon and a short balloon wherein the long balloon and short balloon are positioned side by side within said stent adjacent its distal end;

advancing the catheter and stent through the vascular system to a position wherein the first rings are proximal to said opening of said side branch, [proximal of the bifurcation;]

[positioning the stent at the bifurcation so that] the second rings are aligned with the opening to the side branch vessel, and no portion of the stent is distal to said opening;

inflating the long balloon and the short balloon to radially expand the stent so that the first rings appose and contact the main vessel proximal to the bifurcation and the second rings appose and contact the opening of the side branch vessel; and

deflating the long balloon and the short balloon and withdrawing the catheter from the vascular system.

9. (Previously Presented) The method of claim 8, wherein the second rings form a substantially elliptical cross-section when expanded to appose and contact the opening to the side branch vessel.

10. (Canceled)

11. (Previously Presented) The method of claim 8, wherein the catheter includes a rapid exchange (RX) guide wire passageway for receiving an RX guide wire and an over-the-wire (OTW) guide wire passageway for receiving an OTW guide wire so that as the stent is positioned at the bifurcation, the catheter is slidably advancing over the RX guide wire and the OTW guide wire.

12. (Previously Presented) The method of claim 11, wherein as the catheter is advanced through the vascular system, the catheter slides over the RX guide wire positioned in the main vessel while a distal end of the OTW is positioned within a blind lumen.

13. (Previously Presented) The method of claim 12, wherein after the catheter is positioned proximal to the bifurcation, the OTW guide wire is withdrawn from the blind lumen and advanced into the side branch vessel.

14. (Previously Presented) The method of claim 13, wherein after the OTW guide wire is advanced into the side branch vessel, the catheter is advanced distally over the RX guide wire and the OTW guide wire to position the stent at the bifurcation.